

Orian Zinger

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Education

- **2019 – 2020** – Graduated Cybersecurity course.
- **2018 – 2019** – Graduated Linux kernel and device drivers course by Logtel.
- **2012 – 2016** – B.Sc. in Computer Science at Ben-Gurion University.
- **2005 – 2009** – Graduated Handesaim High school, Tel Aviv University, majoring in Robotics, Computer Science and Physics.

Employment

- **2016 – Current** – Technical leader and senior software developer in LiveU. During my work at LiveU I Developed many features such as cellular modem drivers, secure communication between two devices, ENPS proxy server, Audio conversation between different devices using SIP protocol, Metadata (based on NewsML-G2) for transferred files and video. I applied clean code practices and design patterns to develop readable and maintainable code for LiveU's complex system architecture. I Improved existing code using SOLID design principles. In addition, I Mentored junior and senior software developers.

LiveU was sold for 200M\$ in May 2019.

- **2016 – 2016** – Full stack developer in Pozidrone since day one. My project was developing an autonomous program to bring back a drone to base using QT (C++) and communication protocols such as mavLink via serial-port. The startup was sold to Aeronautics after 5 months.
- **2014 – 2016** – Research assistant at Ben-Gurion University in the Faculty of Electrical and Computer Engineering. I developed a flight simulator using WPF (C#) technologies and Google Earth API.

Military Service

- **2009 – 2011** – Network administrator in Mamram, the IDF's central computing system unit. Responsibilities – Managing and developing the IDF's computer and network systems using Active Directory.

Volunteering

- **2014** – Guiding and coaching a group of youths for an International robotics competition, FLL.

Computer Proficiency

Python internal, Real-time, Linux, Arduino, QT, Linux Kernel Modules, SIP, AWS, WPF, IoT, Networking & Protocols (L2-4 in TCP/IP model), Worked with mature APIs (such as Google Earth API, ENPS API), Active Directory, PC hardware, HTML, CSS. Adaptable to work with new technologies and programming languages.

Programming languages I am familiar with

Python (experience with Selenium, CherryPy), C, C++, Java, C#, Javascript

Languages

Hebrew – native tongue

English – very good

Hobbies and Interests

Robotics, cooking, gaming, music and technology enthusiast. My tech-blog:

<https://orianzinger.wordpress.com>

Reference

References are available on request.